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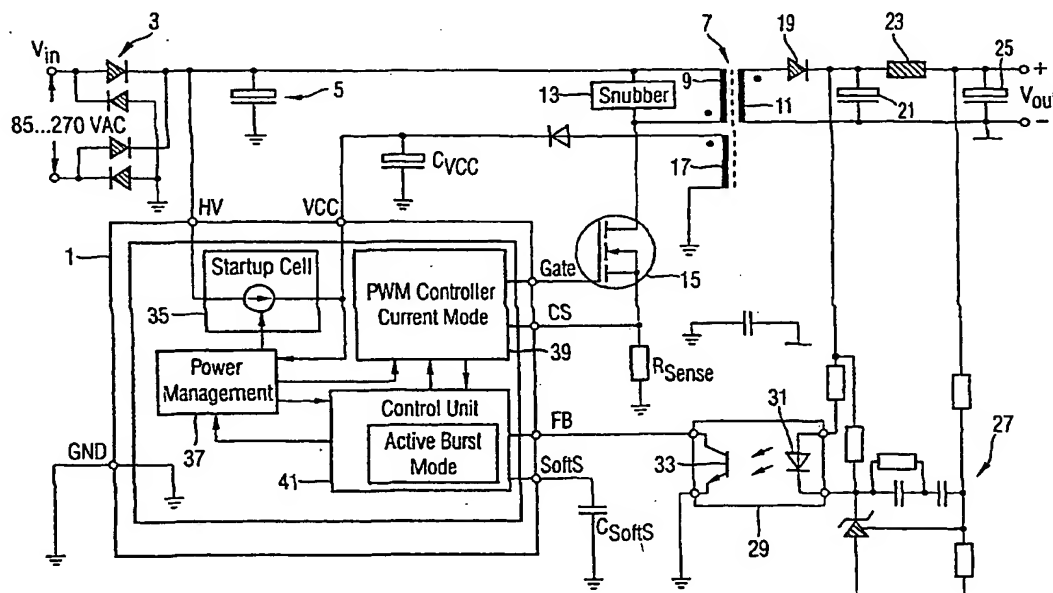
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(54) Title: SWITCHING MODE POWER SUPPLIES



(57) Abstract: In a switching mode power supply, an input received from the secondary side of the transformer 7 and indicative of the power being drawn by the loads is used to control the timing of bursts. The input is compared with two threshold different threshold values V₂, V₃, and switching is enabled if the input rises above a first higher threshold value V₂, and disabled if it falls below a second lower threshold value V₃. A memory device FF1 controls a current limitation circuit which limits currents in the primary of the transformer when the switching mode power supply is operating in the burst mode.